

(Pub. L. 94-469, title IV, §412, as added Pub. L. 102-550, title X, §1021(a), Oct. 28, 1992, 106 Stat. 3923.)

#### CHAPTER 54—AUTOMOTIVE PROPULSION RESEARCH AND DEVELOPMENT

- Sec.  
2701. Congressional findings and purpose.  
2702. Definitions.  
2703. Advanced systems program implementation by Secretary of Energy.
- (a) Establishment and conduct of program.
  - (b) Contracts and grants with Federal agencies, laboratories, etc.
  - (c) Federal laboratories; priority for financial assistance; functions.
  - (d) Evaluations, testing, information dissemination, and reporting functions.
  - (e) Intensification of research in basic areas by Department of Energy.
  - (f) Program provisions and requirements; administrative and judicial procedures applicable to contracts, grants, or projects; additional information for reports and budget submissions; nonretroactivity of provisions and requirements.
2704. Evaluation by Secretary of Transportation on utilization of advanced technology by automobile industry.
2705. Coordinating and consulting requirements and authorities of Secretary of Energy.
- (a) Conduct of overall management responsibilities.
  - (b) Exercise of powers by Secretary of Transportation.
  - (c) Requests for assistance of Federal departments, etc.
  - (d) Consultations with Administrator of Environmental Protection Agency and Secretary of Transportation; establishment of procedures for periodic consultation with interested groups; establishment and functions of advisory panels.
  - (e) Responsibilities under other Federal automotive research, development, and demonstration provisions unaffected.
2706. Informational and testing functions of Secretary of Energy.
- (a) Evaluations of new or improved technologies pursuant to written submissions.
  - (b) Testing by Administrator of Environmental Protection Agency of systems developed under research and development program or submitted by Secretary; scope and purposes of tests; submission of test data and results to Secretary.
  - (c) Collection, analysis, and dissemination of information, data, and materials to developers.
2707. Patents and inventions; statutory provisions applicable; contracts or grants covered.
2708. Comptroller General audit and examination of books, etc.; statutory provisions applicable; contracts or grants covered.
2709. Reports to Congress by Secretary of Energy.
- (a) Comprehensive program, etc.
  - (b) Study on financial obligation guarantees.
2710. Authorization of appropriations.

#### § 2701. Congressional findings and purpose

- (a) The Congress finds that—

(1) existing automobile propulsion systems, on the average, fall short of meeting the long-term goals of the Nation with respect to environmental protection, and energy conservation;

(2) advanced alternatives to existing automobile propulsion systems could, with sufficient research and development effort, meet these long-term goals, and have the potential to be mass produced at reasonable cost; and advanced automobile propulsion systems could operate with significantly less adverse environmental impact and fuel consumption than existing automobiles, while meeting all of the other requirements of Federal law;

(3) insufficient resources are being devoted to both research on and development of advanced automobile propulsion system technology;

(4) an expanded research and development effort with respect to advance automobile propulsion system technology would complement and stimulate corresponding efforts by the private sector and would encourage automobile manufacturers to consider seriously the incorporation of such advanced technology into automobiles and automobile components; and

(5) the Nation's energy and environmental problems are urgent, and therefore advanced automobile propulsion system technology should be developed, tested, demonstrated, and prepared for manufacture within the shortest practicable time.

(b) It is therefore the purpose of the Congress, in this chapter to—

(1)(A) direct the Department of Energy to make contracts and grants for research and development leading to the development of advanced automobile propulsion systems within 5 years of February 25, 1978, or within the shortest practicable time consistent with appropriate research and development techniques, and (B) evaluate and disseminate information with respect to advanced automobile propulsion system technology;

(2) preserve, enhance, and facilitate competition in research, development, and production with respect to existing and alternative automobile propulsion systems; and

(3) supplement, but neither supplant nor duplicate, the automotive propulsion system research and development efforts of private industry.

(Pub. L. 95-238, title III, §302, Feb. 25, 1978, 92 Stat. 78.)

#### SHORT TITLE

Section 301 of title III of Pub. L. 95-238 provided that: "This title [enacting this chapter and amending section 2451 of Title 42, The Public Health and Welfare] may be cited as the 'Automotive Propulsion Research and Development Act of 1978'."

#### § 2702. Definitions

As used in this chapter, the term—

(1) "advanced automobile propulsion system" means an energy conversion system, including engine and drive train, which utilizes advanced technology and is suitable for use in an advanced automobile;